

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application. An identifier indicating the status of each claim is provided.

Listing of Claims:

1. – 25. (Canceled)

26. (Previously Presented)                      A method of detecting and recovering from a violation in a peer-to-peer relay network, comprising:

    sending a first message having first content data from a sending peer system to a receiving peer system;

    detecting a manipulation of data in said sent first message, said manipulation of data changing the outcome of processing by the receiving peer system;

    wherein detecting said manipulation includes:

    relaying back the sent first message to the sending peer by the receiving peer system;

    comparing by the sending peer of the relayed back message to the sent first message to identify a receiving peer responsible for the manipulation of data; and

    sending a manipulated data alert message to other peer systems connected to the peer system in said peer-to-peer relay network, the manipulated data alert message identifying the receiving peer as responsible for the manipulation of data.

27. (Previously Presented)           The method of claim 26, further comprising ignoring messages from the sending peer responsible for the manipulation of data.

28. (Previously Presented)           The method of claim 26, further comprising forcing the sending peer responsible for the manipulation of data to disconnect from the peer-to-peer relay network.